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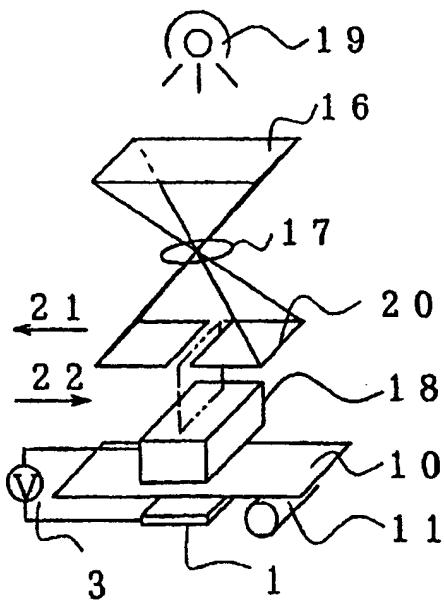
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### (54) Ink jet recording apparatus

(57) In color copying systems based on a conventional electrophotographic technology, it is difficult to reduce the physical size of equipment because there are so many processing steps in printing operation. In addition, image misalignment and mixing of different colors can occur because the different colors are overlaid with one another on a single photosensitive drum. Although the problems of the electrophotographic technology may potentially be solved by ink-jet recording technology, in which ink is squirted without mechanical contact, it is difficult to improve image resolution and achieve high speed recording because a nozzle is used for squirting ink. A recording system of the present invention employs a recording unit which comprises original image illuminating means (19) for projecting light on an original (16) to form an original image, optical means, and a print head (18) which squirts ink when exposed to light, wherein the optical means guides the light incident from the original image illuminating means (19) on to the print head. The recording system thus constructed enables high-definition and high-quality image reproduction.

FIG. 7



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## EUROPEAN SEARCH REPORT

Application Number  
EP 97 30 7097

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